

SEQUENCE LISTING

<110> Fanger, Gary R.
 Foy, Theresa M.
 Houghton, Raymond L.
 Reed, Steven G.

<120> COMPOSITIONS AND METHODS FOR THE
 THERAPY, DIAGNOSIS AND MONITORING OF BREAST CANCER

<130> 210121.479C1

<140> US

<141> 2001-01-08

<160> 49

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 20

<212> PRT

<213> Homo sapien

<400> 1

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Ser	Asn	Val	Glu												
			20												

<210> 2

<211> 15

<212> PRT

<213> Homo sapien

<400> 2

Thr	Thr	Asn	Ala	Ile	Asp	Glu	Leu	Lys	Glu	Cys	Phe	Leu	Asn	Gln
1				5					10					15

<210> 3

<211> 21

<212> PRT

<213> Homo sapien

<400> 3

Ser	Gln	His	Cys	Tyr	Ala	Gly	Ser	Gly	Cys	Pro	Leu	Leu	Glu	Asn	Val
1				5					10					15	
Ile	Ser	Lys	Thr	Ile											
			20												

<210> 4

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 1 5 10 15
 Asn Ala Ile Asp
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<210> 5
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 <212> PRT
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<400> 5
 Lys Leu Leu Met Val Leu Met Leu Ala
 1 5

<210> 6
 <211> 13
 <212> PRT
 <213> Homo sapien

<400> 6
 Gln Glu Phe Ile Asp Asp Asn Ala Thr Thr Asn Ala Ile
 1 5 10

<210> 7
 <211> 13
 <212> PRT
 <213> Homo sapien

<400> 7
 Leu Lys Glu Cys Phe Leu Asn Gln Thr Asp Glu Thr Leu
 1 5 10

<210> 8
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 <213> Artificial Sequence

<220>
 <223> PCR primer

<400> 8
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24

<210> 9
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<220>

<223> PCR primer

<400> 9

tgtcatatat taattgcata aacacctca

29

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<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Probe

<400> 10

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32

<210> 11

<211> 20

<212> PRT

<213> *Oryctolagus cuniculus*

<400> 11

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1

5

10

15

Ser Asn Val Glu

20

<210> 12

<211> 20

<212> PRT

<213> *Oryctolagus cuniculus*

<400> 12

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1

5

10

15

Asp Glu Leu Lys

20

<210> 13

<211> 15

<212> PRT

<213> *Oryctolagus cuniculus*

<400> 13

Thr Thr Asn Ala Ile Asp Glu Leu Lys Glu Cys Phe Leu Asn Gln

1

5

10

15

<210> 14

<211> 20

<212> PRT

<213> *Oryctolagus cuniculus*

<400> 14

Glu Leu Leu Gln Glu Phe Ile Asp Asp Asn Ala Thr Thr Asn Ala Ile

1 5 10 15
Asp Glu Leu Lys
20
<210> 15
<211> 20
<212> PRT
<213> Oryctolagus cuniculus

<400> 15
Glu Leu Leu Gln Glu Phe Ile Asp Asp Asn Ala Thr Thr Asn Ala Ile
1 5 10 15
Asp Glu Leu Lys
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<210> 16
<211> 21
<212> PRT
<213> Oryctolagus cuniculus

<400> 16
Ser Gln His Cys Tyr Ala Gly Ser Gly Cys Pro Leu Leu Glu Asn Val
1 5 10 15
Ile Ser Lys Thr Ile
20
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<211> 20
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<213> Oryctolagus cuniculus

<400> 17
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1 5 10 15
Asp Glu Leu Lys
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<210> 18
<211> 21
<212> PRT
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<400> 18
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Ile Ser Lys Thr Ile
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ctgcacagtc	tctggaatcg	acctcagtag	ctatggagt	ggctgggtcc	gccaggctcc	180
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ctgggcgaaa	ggccgattca	ccatctccaa	aacctcgctg	accacggtgg	atctgaaaat	300
gaccagtctg	acaaccgagg	acacggccac	ctatttctgt	accagagggg	cttttgatcc	360
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<210> 20

<211> 414

<212> DNA

<213> *Oryctolagus cuniculus*

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ctgcacagtc	tctggattct	ccctcagcag	ctacgacatg	acctgggtcc	gccaggctcc	180
aggggaagggg	ctggaatgga	tcggaacat	tagtactatt	ggtagcccat	tttacgcgag	240
ctgggcgaga	ggccgattca	ccatctccaa	aacctcgacc	acggtggatc	tgaaaatcac	300
caatccgaca	accgaggaca	cggccacgta	tttttgcggc	agatttcgga	ttgctggtga	360
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<210> 21

<211> 414

<212> DNA

<213> *Oryctolagus cuniculus*

<400> 21

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ctgcacagtc	tctggattct	ccctcagcag	ctacgacatg	acctgggtcc	gccaggctcc	180
aggggaagggg	ctggaatgga	tcggaacat	tagtactatt	ggtagcccat	tttacgcgac	240
ctgggcgaga	ggccgattca	ccatctccaa	aacctcgacc	acggtggatc	tgaaaatcac	300
caatccgaca	accgaggaca	cggccacgta	tttttgcggc	agatttcgga	ttgctggtga	360
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<210> 22

<211> 414

<212> DNA

<213> *Oryctolagus cuniculus*

<400> 22

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ctgcacagtc	tctggaatcg	acctcagcac	ctacgacatg	acctgggtcc	gccaggctcc	180
aggggaagggg	ctggaatgga	tcggaacat	tagtactctt	ggtacccctt	tttccgccaa	240
ttgggcgaga	ggccgattca	ccatctccaa	gacctcgacc	acggtggatc	tgaaaatcgc	300
cagtcggacg	accgaagaca	ctgccacata	tttttggtgg	agattgcgga	ttgctcatga	360
tggtgccttc	tgggggcccag	gcacgctggt	caccgtctcc	tcagggcaac	ctaa	414

<210> 23

<211> 422

<212> DNA

<213> *Oryctolagus cuniculus*

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<210> 24
<211> 414
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 ttggattttc cctcagcagn tacganatga cctgggtccg ccaggctcca gggaaggggc 180
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 gccgattcac catttccaaa accttgacca ccgtggattt gaaaatcacc agtccgacaa 300
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 gggcccgggc acgctggtca ccgtntctc agggcaacct aa 402

<210> 27
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 <212> PRT
 <213> Homo sapien

<400> 27
 Met Lys Leu Leu Met Val Leu Met Leu Ala Ala Leu Ser Gln His Cys
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 Tyr Ala Gly Ser Gly Cys Pro Leu Leu Glu Asn Val Ile Ser Lys Thr
 20 25 30
 Ile Asn Pro Gln Val Ser Lys Thr Glu Tyr Lys Glu Leu Gln Glu
 35 40 45
 Phe Ile Asp Asp Asn Ala Thr Thr Asn Ala Ile Asp Glu Leu Lys Glu
 50 55 60
 Cys Phe Leu Asn Gln Thr Asp Glu Thr Leu Ser Asn Val Glu Val Phe
 65 70 75 80
 Met Gln Leu Ile Tyr Asp Ser Ser Leu Cys Asp Leu Phe
 85 90

<210> 28
 <211> 55
 <212> PRT
 <213> Homo sapien

<400> 28
 Gly Ser Gly Met Lys Glu Thr Ala Ala Ala Lys Phe Glu Arg Gln His
 1 5 10 15
 Met Asp Ser Pro Asp Leu Gly Thr Asp Asp Asp Lys Ala Met Ala
 20 25 30
 Ile Ser Asp Pro Asn Ser His Cys Tyr Ala Gly Ser Gly Cys Pro Leu
 35 40 45
 Leu Glu Asn Val Ile Ser Lys
 50 55

<210> 29
 <211> 13
 <212> PRT
 <213> Homo sapien

<400> 29
 Met Lys Leu Leu Met Val Leu Met Leu Ala Ala Leu Ser
 1 5 10

<210> 30
 <211> 20

<210> 35

<211> 20
 <212> PRT
 <213> Homo sapien

<400> 35
 Glu Leu Lys Glu Cys Phe Leu Asn Gln Thr Asp Glu Thr Leu Ser Asn
 1 5 10 15
 Val Glu Val Phe
 20

<210> 36
 <211> 23
 <212> PRT
 <213> Homo sapien

<400> 36
 Asp Glu Thr Leu Ser Asn Val Glu Val Phe Met Gln Leu Ile Tyr Asp
 1 5 10 15
 Ser Ser Leu Cys Asp Leu Phe
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<210> 37
 <211> 9
 <212> PRT
 <213> Homo sapien

<400> 37
 Lys Leu Leu Met Val Leu Met Leu Ala
 1 5

<210> 38
 <211> 9
 <212> PRT
 <213> Homo sapien

<400> 38
 Leu Leu Met Val Leu Met Leu Ala Ala
 1 5

<210> 39
 <211> 9
 <212> PRT
 <213> Homo sapien

<400> 39
 Leu Met Val Leu Met Leu Ala Ala Leu
 1 5

<210> 40
 <211> 9
 <212> PRT
 <213> Homo sapien

<400> 40

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<211> 10
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<211> 10
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<213> Homo sapien
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<212> PRT
<213> Homo sapien
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<213> Homo sapien
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<211> 399
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<213> Homo sapiens
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<400> 46

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<210> 47
<211> 132
<212> PRT
<213> Homo sapiens
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<211> 34
<212> DNA
<213> Artificial Sequence
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<400> 48
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<210> 49
<211> 36
<212> DNA
<213> Artificial Sequence
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<220>
<223> PCR primer

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